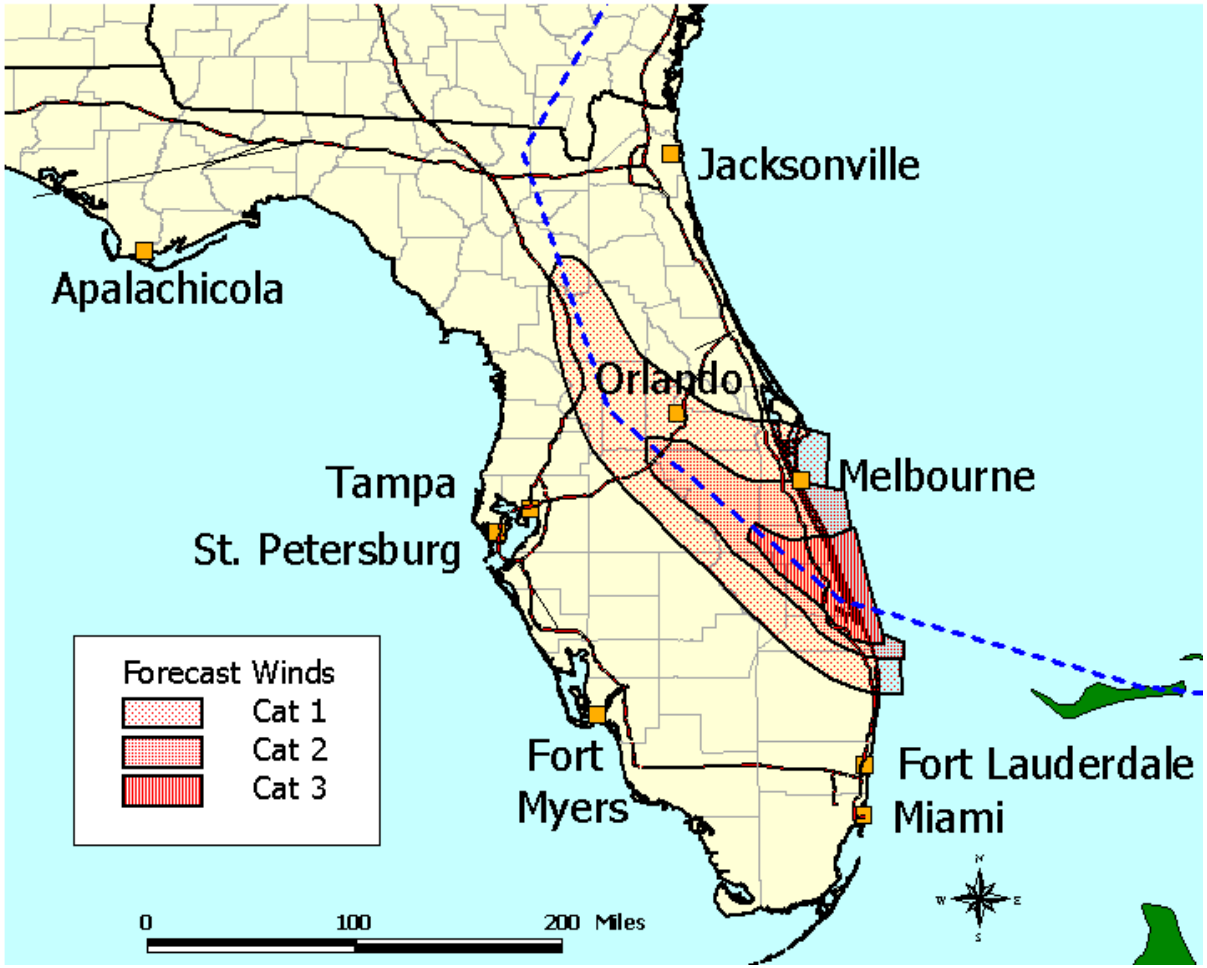
Hurricane Jeanne Wind Distribution

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Wind Distribution

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/25/2004)*** forecast.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Wind Field

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/25/2004

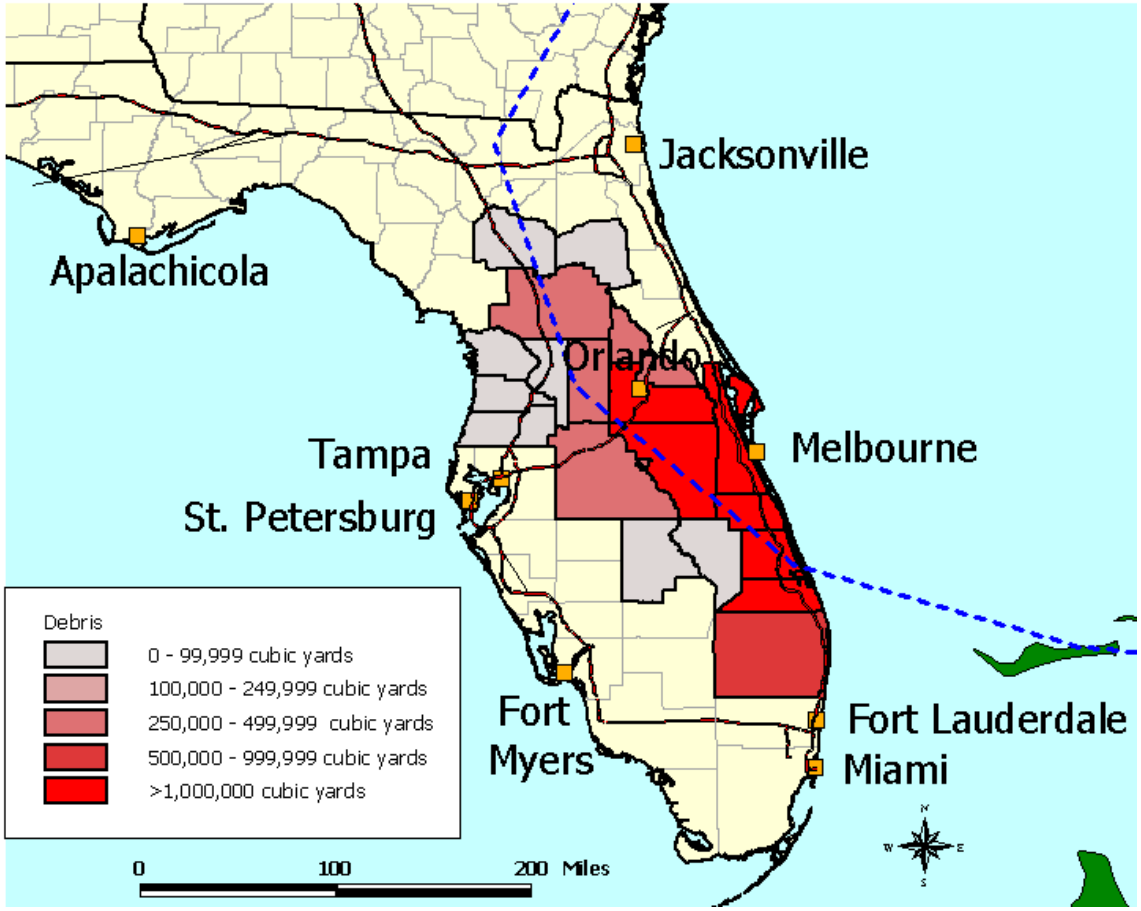
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Debris Model

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Debris Model Results

Florida – 13,462,000 yd^3

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/25/2004)*** forecast.

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Debris Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/25/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Debris Model

Landfall Expected Within **24** Hours

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State	County	Yards per County
Florida		
	Alachua	17,000
	Brevard	1,261,000
	Citrus	2,000
	Hernando	1,000
	Highlands	6,000
	Indian River	1,856,000
	Lake	280,000
	Marion	333,000
	Martin	2,456,000
	Okeechobee	55,000
	Orange	1,123,000
	Osceola	1,001,000
	Palm Beach	856,000
	Pasco	< 1,000
	Polk	240,000
	Putnam	2,000
	Seminole	323,000
	St Lucie	3,588,000
	Sumter	62,000
TOTAL		13,462,000

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Debris Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

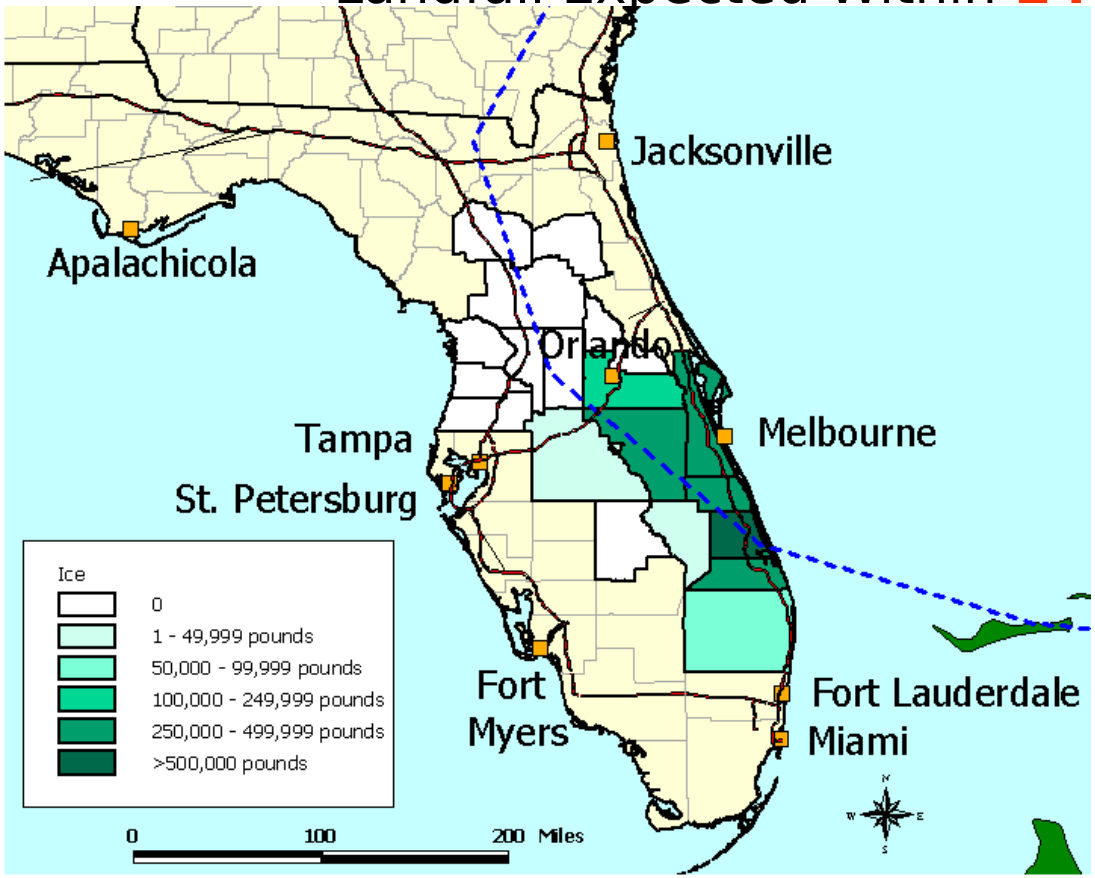
Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/25/2004

Hurricane Jeanne Ice Model

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Ice Model Results

Florida – 2,765,000 pounds

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/25/2004)*** forecast. The intensity of this hurricane has been altered to complete model runs.

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per day per person) and Ice SME input and represents a first day daily need.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Ice Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/25/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Ice Model

Landfall Expected Within **24** Hours

For Official Use Only!

State	County	Pounds per County
Florida		
	Brevard	371,000
	Indian River	438,000
	Martin	491,000
	Okeechobee	6,000
	Orange	135,000
	Osceola	371,000
	Palm Beach	90,000
	Polk	31,000
	St Lucie	832,000
TOTAL		2,765,000

The amount of ice forecasted is based on Mission Guide Book requirements (8 pounds per person) and Ice SME input and represents a first day daily need. The assumption in this scenario is that 60% of the resident population affected by Jeanne will have power outage in this area will cause a need for ice.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Ice Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/25/2004

CELRL-OP GIS Group

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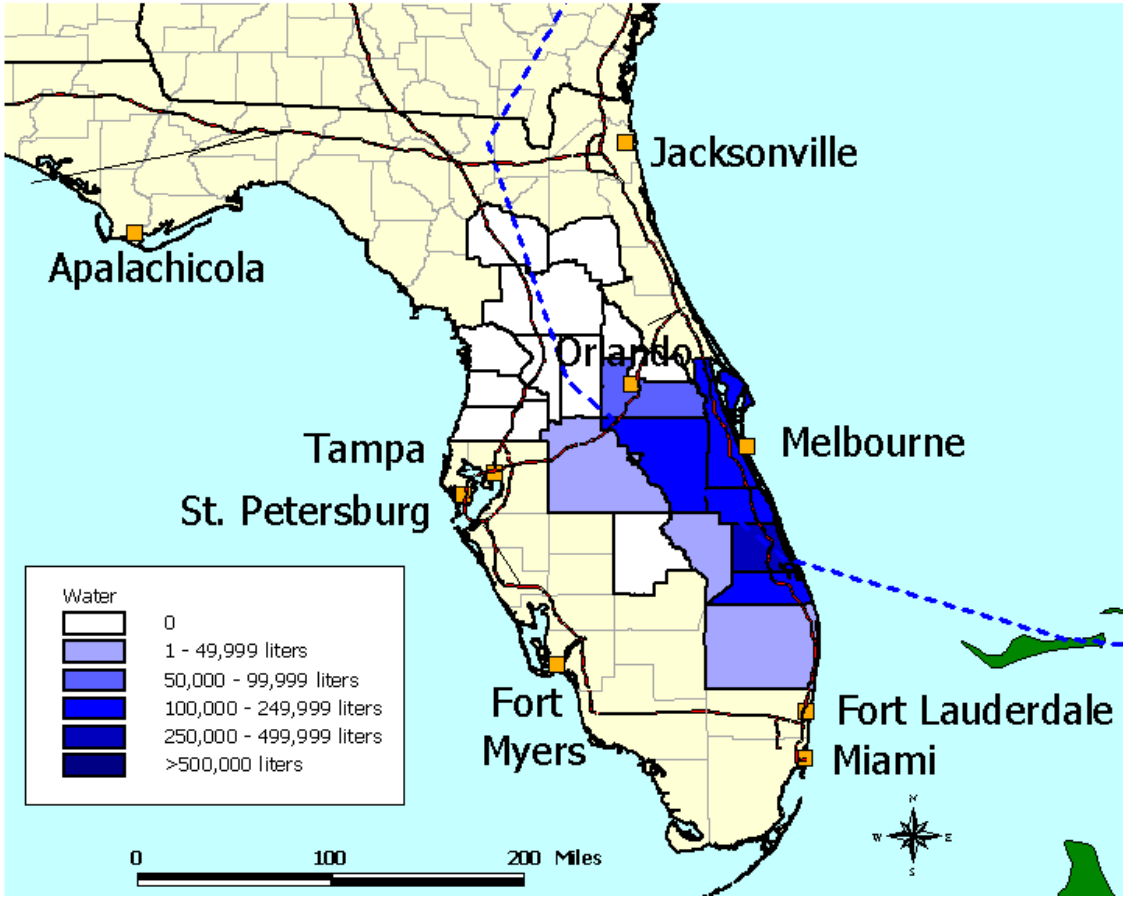
Hurricane Jeanne Water Model

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Water Model Results

Florida – 1,382,000 Liters

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/25/2004)*** forecast.

The amount of water forecasted is based on Mission Guide Book requirements (4 liters per person per day) and Water SME input and represents a first day daily need.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Water Model

Sources: HURREVAC LRL-DEBRIS

Generated By: Terry Siemsen

Generated Date 0630 EDT 09/25/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Water Model

Landfall Expected Within **24** Hours

For Official Use Only!

State	County	Liters per County
Florida		
	Brevard	185,000
	Indian River	219,000
	Martin	246,000
	Okeechobee	3,000
	Orange	67,000
	Osceola	186,000
	Palm Beach	45,000
	Polk	15,000
	St Lucie	416,000
TOTAL		1,382,000

The amount of water forecasted is based on Mission Guide Book requirements (4 liters per person) and Water SME input and represents a first day daily need. The assumption in this scenario is that 60% of the resident population affected by Jeanne will have power outage in this area will cause a need for water.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Water Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/25/2004

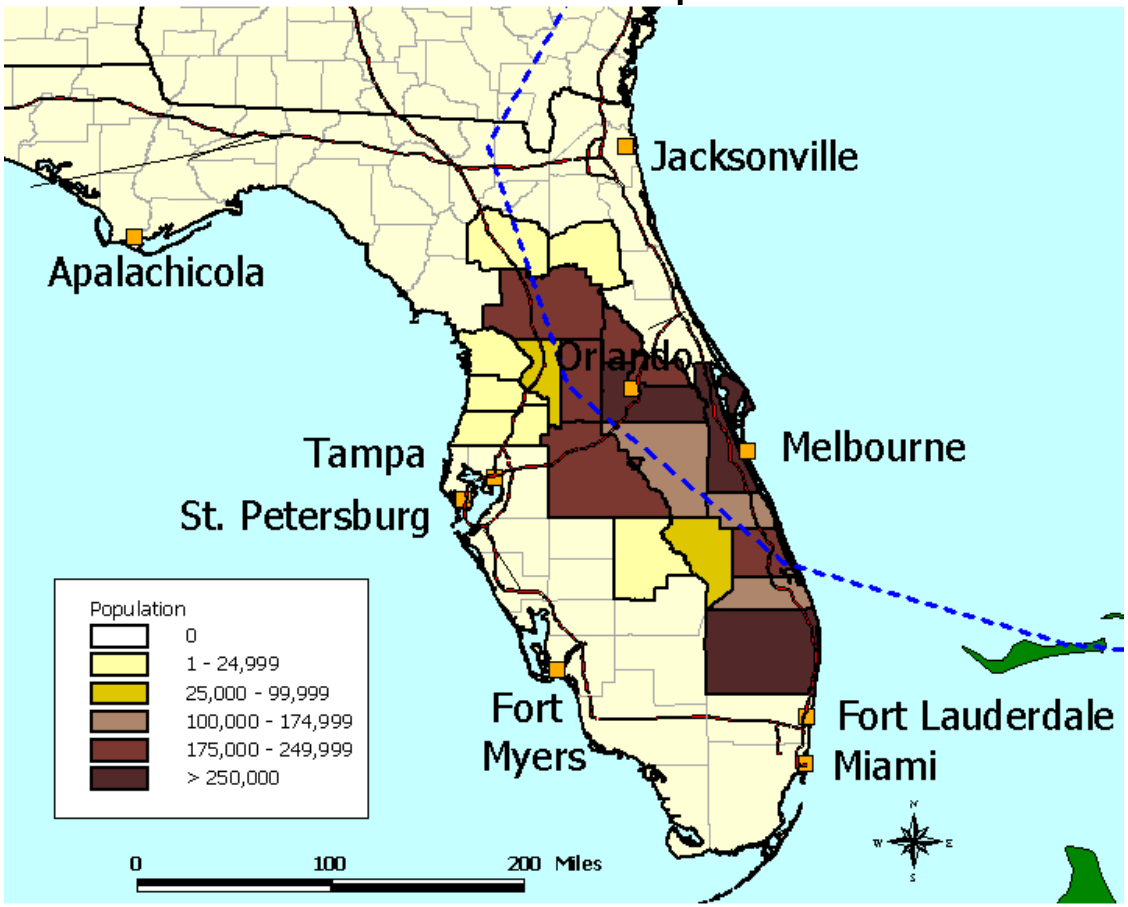
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Population Model

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Population Model Results

Florida – 3,186,000 persons

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/25/2004)*** forecast.

The number of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Population Model

Sources: HURREVAC, LRL-DEBRIS

Generated By: Terry Siemsen

Generated Date 0630 EDT 09/25/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Population Model

Landfall Expected Within **24** Hours

For Official Use Only!

State	County	Population
Florida		
	Alachua	13,000
	Brevard	416,000
	Citrus	1,000
	Hernando	< 1,000
	Highlands	4,000
	Indian River	112,000
	Lake	195,000
	Marion	216,000
	Martin	125,000
	Okeechobee	32,000
	Orange	896,000
	Osceola	173,000
	Palm Beach	350,000
	Pasco	< 1,000
	Polk	176,000
	Putnam	1,000
	Seminole	240,000
	St Lucie	193,000
	Sumter	43,000
TOTAL		3,186,000

The number of persons estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Population Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/25/2004

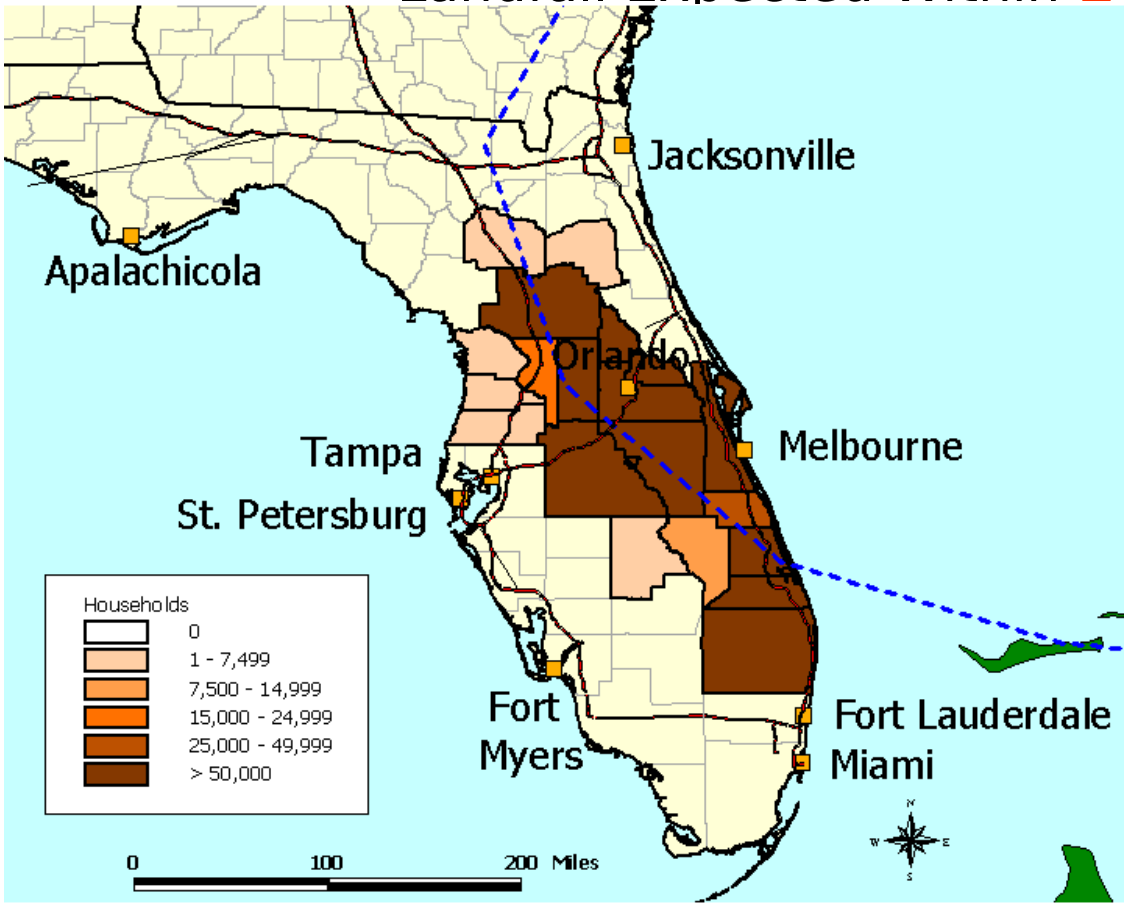
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne Households Model

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Households Model Results

Florida – 1,264,100 households

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 EDT 09/25/2004)*** forecast.

The number of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values).

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Households Model

Sources: HURREVAC LRL-DEBRIS

CELRL-OP GIS Group

Generated By: Terry Siemsen

Generated Date 0630 EDT 09/25/2004

Hurricane Jeanne Households Model

Landfall Expected Within **24** Hours

For Official Use Only!

State	County	Households
Florida		
	Alachua	4,500
	Brevard	173,300
	Citrus	< 1,000
	Hernando	< 1,000
	Highlands	1,600
	Indian River	48,800
	Lake	82,500
	Marion	87,700
	Martin	54,600
	Okeechobee	10,900
	Orange	336,200
	Osceola	61,000
	Palm Beach	145,600
	Pasco	< 1,000
	Polk	69,600
	Putnam	< 1,000
	Seminole	93,900
	St Lucie	76,900
	Sumter	17,000
TOTAL		1,264,100

The number of households estimated to be within hurricane force winds comes from Census 2000 values.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Households Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
09/25/2004

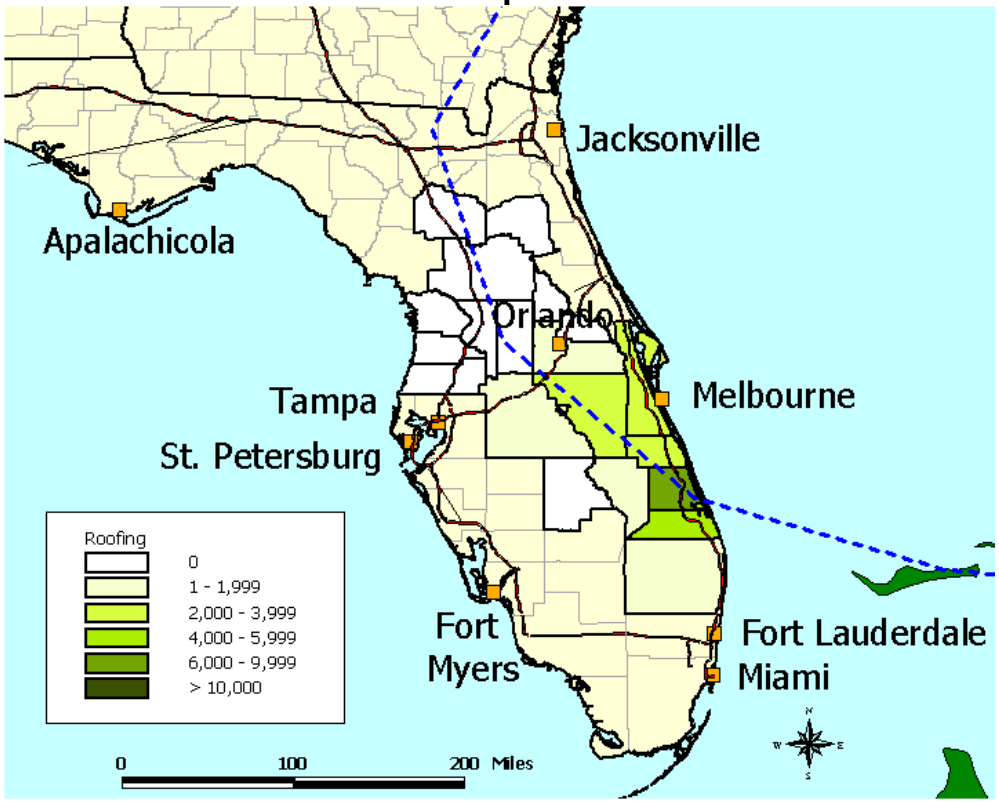
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Roofing Model Results

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Temporary Roofing Model Results

Florida – 20,500

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500EDT 9/25/2004)*** forecast.

The amount of temporary roofing that may be required is based on no roofing need in CAT 1 wind areas, 4% of housing units damaged in CAT 2 wind areas, and 8% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at
https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne Temp Roofing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/25/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Roofing Model Results

Landfall Expected Within **24** Hours

For Official Use Only!

State	County	Structures per County
Florida		
	Brevard	2,800
	Indian River	3,500
	Martin	4,000
	Okeechobee	< 100
	Orange	900
	Osceola	2,400
	Palm Beach	700
	Polk	200
	St Lucie	6,000
TOTAL		20,500

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary roofing that may be required is based on no roofing need in CAT 1 wind areas, 4% of housing units damaged in CAT 2 wind areas, and 8% of housing units damaged in CAT 3 wind areas. This only indicates possible need – not necessarily a mission to repair roofs.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Roofing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/25/2004

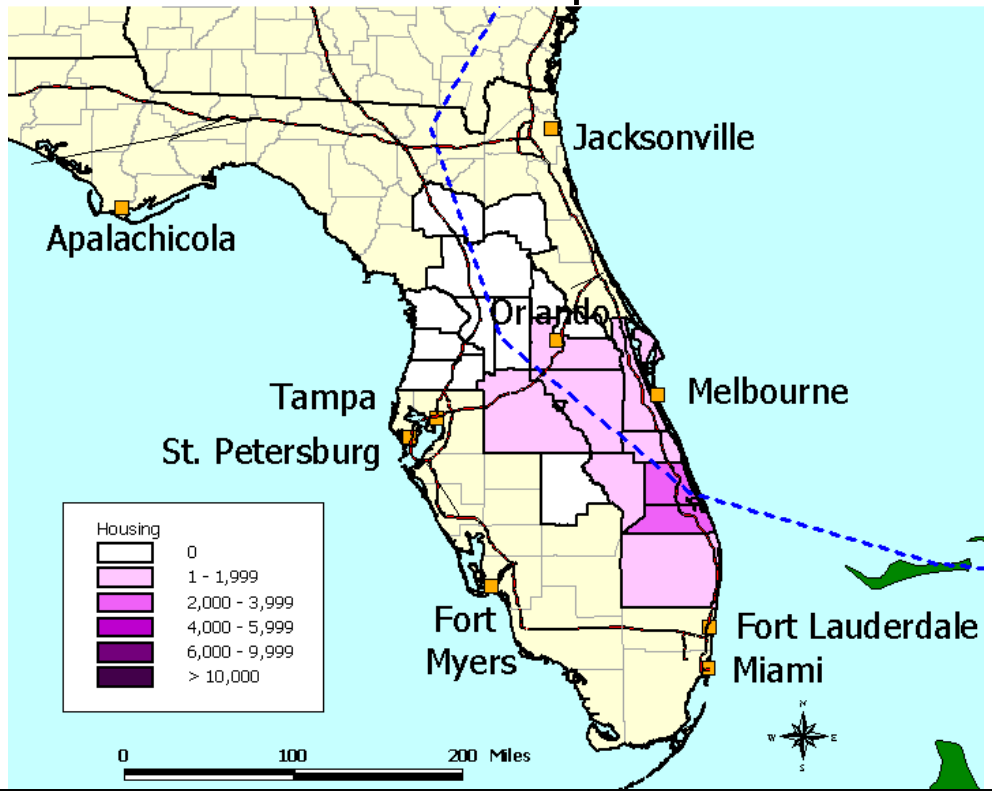
CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Housing Model Results

Landfall Expected Within **24** Hours

For Official Use Only!



Most Probable Landfall Temporary Housing Model Results

Florida – 10,200

Model results per county on following page

This hurricane scenario is based on a Category 3 storm making landfall in near proximity to Port St. Lucie, FL.

Information provided on this page displays the most probable hurricane track based on information from the National Hurricane Center (NHC). These projections are based on information from the NHC ***(0500 9/25/2004)*** forecast.

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% of housing units lost in CAT 2 wind areas, and 4% of housing units lost in CAT 3 wind areas.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Housing Model

Sources:
HURREVAC
LRL-DEBRIS

Generated By:
Terry Siemsen

Generated Date
0630 EDT
9/25/2004

CELRL-OP GIS Group

Louisville Operations Division GIS

Hurricane Jeanne
Temporary Housing Model Results

Landfall Expected Within **24** Hours

For Official Use Only!

State	County	Structures per County
Florida		
	Brevard	1,400
	Indian River	1,700
	Martin	2,000
	Okeechobee	< 100
	Orange	400
	Osceola	1,200
	Palm Beach	400
	Polk	100
	St Lucie	3,000
TOTAL		10,200

THIS IS AN EXPERIMENTAL MODEL !! THE VALUES ARE PRELIMINARY AND SHOULD BE CONSIDERED A GUIDE BUT NOT AN ABSOLUTE VALUE !!

The amount of temporary housing that may be required is based on no housing need in CAT 1 wind areas, 2% of housing units lost in CAT 2 wind areas, and 4% of housing units lost in CAT 3 wind areas.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Jeanne emp Housing Model

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

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9/25/2004